

E1741-95 Standard Practice for Preparation of Airborne Particulate Lead Samples Collected During Abatement and Construction Activities for Subsequent Analysis by Atomic Spectrometry

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1. Scope

1.1 This practice covers the preparation of airborne particulate samples collected during the abatement of lead hazards in and around buildings and related structures.

1.2 This practice describes the digestion procedures for airborne particulate lead samples that are collected on cellulose ester membrane filters during abatement and construction activities. The practice is intended for use with airborne particulate lead samples that are prepared for subsequent analysis by laboratory-based quantitative analytical methods.

1.3 This practice covers the general considerations for quantitative sample digestion for total recoverable lead in airborne particulate using hot plate or microwave heating techniques.

1.4 The values stated in SI units are to be regarded as the standard.

1.5 The following safety hazards caveat pertains only to the procedure section of this practice. This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use. Specific hazard statements are given in Section 8 and Notes 2, 3, 8, and 10.

Adopted by:

Developed by ASTM Subcommittee: [E06.23](#)

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